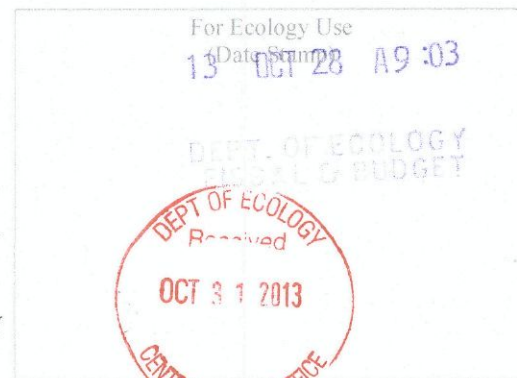




Application for a Water Right Permit



Follow the attached instructions. Attach additional sheets as necessary.

- ☒ GROUND WATER ☐ SURFACE WATER
☐ PERMANENT ☐ SHORT TERM ☐ TEMPORARY
☐ DROUGHT

***A NON-REFUNDABLE MINIMUM FEE OF \$50.00 MUST ACCOMPANY THIS APPLICATION.**

Section 1. APPLICANT

- ☒ I have participated in a pre-application conference with Ecology.

Applicant/Business Name: Methow Valley Irrigation District (c/o Bunny Morgan)	Phone No: 509-997-2318	Other No:
Address: PO Box 860		
City: Twisp	State: WA	Zip: 98856
Email Address (if available): bunny@methownet.com		

Contact Name (if different from above): same as above	Phone No:	Other No:
Relationship to Applicant:		
Address:		
City:	State:	Zip:
Email Address (if available):		

Legal Land Owner or Part Owner Name of the Proposed Place of Use: Same as above (MVID is part land owner of proposed place of use)	Phone No:	Other No:
Address:		
City:	State:	Zip:
Email Address (if available):		

For Ecology Use	APPLICATION NO: 64-33098	SEPA: Exempt/Not Exempt
	Fee Paid: 2,222.00 Check No: 21497 10-28-2013	ECY Coding: 001-001-WR1-0285-000011
Date Returned: _____ By: _____		Priority Date: 10-28-2013 By: [Signature]
Pre-application interviewer:		WRIA: 48 OKAUDGAW

Section 2. STATEMENT OF INTENT

Do you own the land on which the proposed point of diversion/withdrawal is located? ☐ YES ☒ NO
If no, do you have legal authority to make this application for use of another's land? ☒ YES ☐ NO

Briefly describe the purpose of your proposed project: Provide groundwater supply of MVID members including the Town of Twisp. Appropriation will be from District rights transferred to the trust water program.

Anticipated length of time to complete your project: 5 years

Water Use List all purposes for which water will be applied to a beneficial use and list quantity required for each.

Purpose(s) of Use	Rate (check one box only)		Acre-Feet per Year (AF/YR) (If known)	Period of Use (Continuously or Seasonal)
	<input type="checkbox"/> Cubic Feet per Second (CFS)	<input checked="" type="checkbox"/> Gallons per Minute (GPM)		
Irrigation	8,213		4,316	Seasonal (April 15 to October 15)
Municipal	1,796		400	Year Round
TOTAL:	10,009		4,716	

*Irrigation Qi based on 31 cfs from waste order less 12.7 cfs under surface water application, and municipal Qi based on 4 cfs Twisp lease. Irrigation Qa based on waste order 7,625 ac-ft less surface water application, and municipal Qa based on Twisp lease.

Short Term/Temporary Water Use

Is this a request for a short term project (less than four months and non-recurring)? ☐ YES ☒ NO

Is this request for a temporary permit? ☐ YES ☒ NO

If yes to either question above, indicate the dates that the water will be needed:

FROM: ____/____/____ TO: ____/____/____

Section 3. POINT OF DIVERSION OR WITHDRAWAL

(Complete A or B, and C below)

A.) If Surface Water Source	B.) If Ground Water Source
<input type="checkbox"/> Spring <input type="checkbox"/> Creek <input type="checkbox"/> River <input type="checkbox"/> Lake <input type="checkbox"/> Other: _____	<input checked="" type="checkbox"/> Well(s) <input type="checkbox"/> Other: _____
Source Name: _____	Well diameter & depth: <u>Varies</u>
Tributary to: _____	Number of proposed points of withdrawal: <u>Approximately. 100</u>
Number of proposed diversion points: _____	Do you have an existing well? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
Do you have an existing diversion? <input type="checkbox"/> YES <input type="checkbox"/> NO	If available, attach Water Well Report and pump test.
	Well Tag ID No. <u>ACJ 153, ACJ 154, ACX 692</u>

Point of Diversion/Withdrawal – Legal Description

Parcel No.	¼	¼	Section	Township	Range	County
			12	33N	21E	Okanogan
			7, 17, 18, 20, 21, 27, 28, 34, 35	33N	22E	Okanogan
			2, 3, 9, 10, 16, 20	32N	22E	Okanogan
Twisp, Well #1	SW	SW	8	33N	22E	Okanogan
Twisp, Well #2	NW	NW	17	33N	22E	Okanogan
Twisp, Well #3	NE	SW	17	33N	22E	Okanogan
Twisp, Well #4	SW	NE	17	33N	22E	Okanogan
Lot(s)	Block(s)		Subdivision			

If known, enter the distances in feet from the point of diversion or withdrawal to the nearest section corner:

_____ Feet (☐ North/☐ South) and _____ feet (☐ East/☐ West)

from the (☐NW ☐SW ☐NE ☐SE ☐_____) corner of Section_____.

Parcel No.	¼	¼	Section	Township	Range	County
Lot(s)	Block(s)		Subdivision			

If known, enter the distances in feet from the point of diversion or withdrawal to the nearest section corner:

_____ feet (☐ North/☐ South) and _____ feet (☐ East/☐ West)

from the (☐NW ☐SW ☐NE ☐SE ☐_____) corner of Section_____

NOTE: If more than two points of diversion/withdrawal attach additional information on a separate sheet of paper.

Section 4. PLACE OF USE

Attach a copy of the legal description of the property (on which the water will be used) taken from a real estate contract, property deed or title insurance policy, or copy it carefully in the space below.

Within boundaries of Methow Irrigation District and Town of Twisp water service area boundary in its most recent approved Water System Plan.

¼	¼	Section	Twp.	Range	County	Parcel No.

Do you own all the lands on which the proposed place of use is located? ☐ YES ☒ NO.

If no, do you have legal authority to make this application for use of another's land? ☒ YES ☐ NO

Provide owner name(s), address, and phone number: MVID Members and Town of Twisp residents (see purveyor exception to Ecology Guidance 2030)

Are there any other water rights or claims associated with this property or water system? ☒ YES ☐ NO

If yes, provide the water right and/or claim numbers: Numerous water rights and claims, including water rights held by the Town of Twisp (G4-301976CL, G3-00139C, G4-*08544CWRIS) and private water right holders/claimants.

Attach a map of your project showing the point of diversion/withdrawal and place of use. If platted property, be sure to include a complete copy of the plat map.

Section 5. WATER SYSTEM DESCRIPTION

Describe your proposed water system (include type and size of devices used to divert or withdraw water from source): Irrigation water system is described in Methow Valley Irrigation District Draft Alternatives Evaluation Report, 2013, by Anchor OEA, LLC for US Bureau of Reclamation. Improvements are described as Alternative 5, pp 39-40 (excerpts attached for reference). I

Municipal water system description is detailed in Town of Twisp Water System Plan Update, June 2008, prepared by Gray & Osborne, Inc. on file with Ecology.

Section 6. DOMESTIC WATER SUPPLY SYSTEM INFORMATION

(Complete A or B, and C below)

A.) Domestic Water Systems only	B.) Municipal Water Systems only (defined under RCW 90.03.015)
Projected number of connections to be served: _____	Present population to be served water: <u>990 (2006)</u>
Type of connections: _____ (e.g., home, recreational cabin)	Estimate future population to be served: <u>2,000 (2027)</u> (20 year projection) Note: The Town is scheduled to begin a new 6-year Water System Plan which will update these population numbers.
C.) Water System Planning	
Do you have a Water System Plan approved by the Washington State Department of Health, Drinking Water Division? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO., However, the Town of Twisp is an MVID Member and has a Water System Plan. If yes, date plan was approved <u>August/29/2008</u> Water System Number: <u>PWS ID # 90050K</u>	
Name of water system: <u>Town of Twisp</u>	
Are you within the service area of an existing water system? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO If yes, explain why you are unable to connect to the system: <u>The Town of Twisp is an MVID member and a portion of our service areas overlap.</u>	

Section 7. IRRIGATION/STOCKWATER/OTHER FARM USES

Irrigation

Total number of acres requested to be irrigated under this application = 616 ACRES (141+445+30)

Source: Page 40 of Alternative 5 summary table 3-9

NOTE: Outline the area to be irrigated on your attached map.

Stockwater

List number and kind of stock: _____

Is the proposed project for a dairy farm? ☐ YES ☒ NO

Other Proposed Farm Uses

Describe all proposed uses: Ancillary farm uses such as frost protection, cooling, leaching, pre-and-post irrigation

Family Farm Water Act (RCW 90.66):

Calculate the acreage in which you have a controlling interest, including only:

- Acreage irrigated under water rights acquired after December 8, 1977,
- Acreage proposed to be irrigated under this application, and
- Acreage proposed to be irrigated under other pending application(s).

Is the combined acreage under existing rights greater than 6000 acres? ☐ YES ☒ NO

Do you have a controlling interest in a Family Farm Development Permit? ☐ YES ☒ NO

If yes, enter Permit No: _____

Section 8. OTHER WATER USES

Hydropower

Indicate total feet of head _____ and proposed capacity in kilowatts: _____

Describe works: _____

Indicate all uses to which power is to be applied: _____

FERC License No: _____

Mining/Industrial Use

Describe use, method of supplying and utilizing water: _____

Other Use

Section 9. WATER STORAGE

Will you be using a dam, dike, or other structure to retain or store water? ☐ YES ☒ NO

Are you proposing to store more than 10 acre-feet of water? ☐ YES ☒ NO

Will the water depth be 10 feet or more? ☐ YES ☐ NO

If you answered yes to any of the above questions, please describe: _____

NOTE: If you will be storing 10 acre-feet or more of water and/or if the water depth will be 10 feet or more at the deepest point and some portion of the storage will be above grade, you must also complete an Application for Permit to Construct a Reservoir and a Dam Construction Permit and Application.

Section 10. DRIVING DIRECTIONS

Provide detailed driving directions to the project site: Googlemap to Town of Twisp, and arrange for a site visit / meeting location with MVID contact in Section 1.

Site Address: Near Twisp Washington

Section 11. REQUIRED SIGNATURES

I certify that the information provided in this application is true and accurate to the best of my knowledge. I understand that in order to process my application, I grant staff from the Department of Ecology access to the site for inspection and monitoring purposes. Even though the employees of the Department of Ecology may have assisted me in the preparation of the above application, all responsibility for the accuracy of the information rests with me, the applicant.

John Richardson

Print Name
(Applicant or authorized representative)

STEPHEN H. DIXON

Print Name
(Legal Owner or Part Owner Place of Use)

John Richardson

Signature

St H. Dixon

Signature

10/14/13

Date

10/14/2013

Date

Print Name
(Legal Owner or Part Owner Place of Use)

Signature

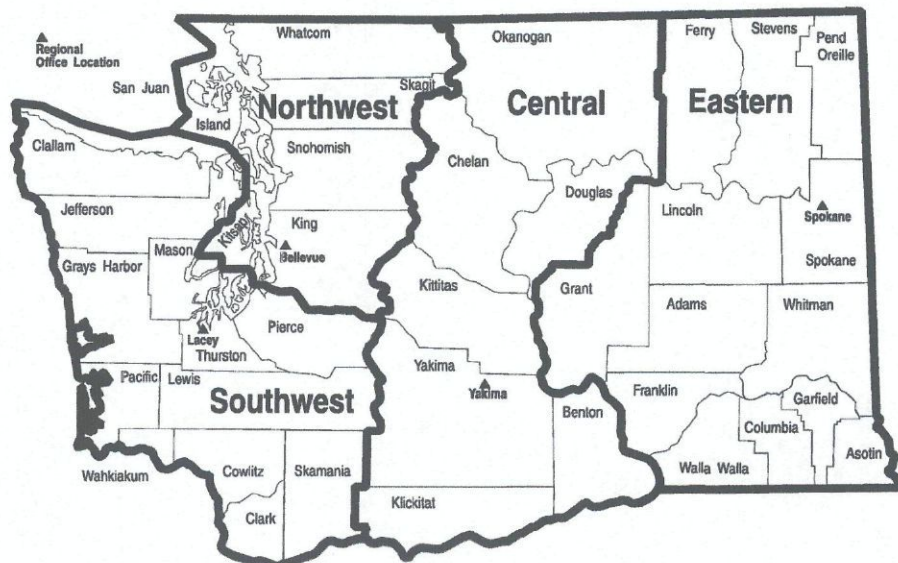
Date

Please check the region in which the project is located:

<p>*Submit your application to:</p> <p>DEPARTMENT OF ECOLOGY CASHIERING SECTION PO BOX 47611 OLYMPIA, WA 98504-7611</p>	<input checked="" type="checkbox"/> Central Regional Office 15 W Yakima Avenue, Suite 200 Yakima, WA 98902 (509) 575-2490	<input type="checkbox"/> Eastern Regional Office 4601 N. Monroe Spokane, WA 99205-1295 (509) 329-3400
	<input type="checkbox"/> Northwest Regional Office 3190 - 160 th Avenue SE Bellevue, WA 98008-5452 (425) 649-7000	<input type="checkbox"/> Southwest Regional Office PO Box 47775 Olympia, WA 98504-7775 (360) 407-6300

If you need this document in an alternate format, please call the Water Resources Program at 360-407-6872.
Persons with hearing loss can call 711 for Washington Relay Service. Persons with a speech disability can call 877-833-6341.

If you have questions about your application, contact the Water Resources program at the regional office in which your project is located.



Appendix – A

Parcel List – New Private Groundwater Well Sources

Parcel ID	Owner
3322070144	SZAFAS, CHUCK & TAMARA
3322180105	SZAFAS, CHUCK & TAMARA
5101100001	SMITH, ANN ETAL
5101160002	CLEVELAND, DAVE & STACEY
5101140003	SMITH, ANN ETAL
5101140002	PUD #1 CHELAN CO
5101150001	SANSAVER, LESTER ETAL
5340000120	GOUPIOS, GEORGE
5340000000	GOUPIOS, GEORGE
5340000121	GOUPIOS, GEORGE
4270000100	EILEEN, JANET
5340000122	GOUPIOS, GEORGE
5340000124	(UNLISTED)
5101040002	KARPENKO, TORI
5101060003	KARPENKO, TORI & BROEHE
4270000200	EILEEN, JANET
3322280016	HADFIELD, I D & D ARLENE
3322270039	HADFIELD, I D & D ARLENE
3322340025	HANLEY, MICHAEL & JUDY
3322340267	SURFACE, LARRY & JANE
8843800400	SURFACE, L RYAN
3322340009	VANDERVORT, LESLEY & MADGE
8849700020	BRISTOL, MILTON & JOSEPHINE
8843800300	SURFACE, L RYAN & TIFFANY
8849700030	BRISTOL, JOSEPHINE
3322350016	GERLACH, JAMES
3322350017	HILL, MARGARET
3322340268	SURFACE, LARRY & JANE
8843800200	ROSS, GARY
3322350003	VANDERVORT, LESLEY & MADGE
8843800100	TORPEY, DONNA
3322350018	HILL, BILLY & TAMMY
3322350017	HILL, MARGARET
3321120094	SNYDER, JUNETTE
5130470000	TACKMAN, JAMES ETAL
3222020012	ODION, ERIKA & ZACKERY
5130460000	BRUCE, KENNETH
5130440000	HAMMER, JAMES
5130450000	DAHL, MARK ETAL
5130430002	CASCADE RIM LLC
5130420000	SCHACHTSCHNEIDER, EDWIN ETUX
5130410001	HOUGH, JAY ETAL
5130390001	SCHACHTSCHNEIDER, EDWIN ETUX
5130390002	STOLBERG, WILLIAM
5130400000	GARY REGIS FAMILY L P
5130390002	STOLBERG, WILLIAM
5130370000	SUTTON, RICHARD T

Parcel ID	Owner
5130380000	GARY REGIS FAMILY L P
5130360002	JUMARS, ALYSSA
5130360001	JUMARS, ALYSSA
5130320000	RICHNER, LARRY & MARILYN
5130340002	GARY REGIS FAMILY L P
5130330002	SINCLAIR, JOHN & ELIZABETH
5130340001	SINCLAIR, JOHN & ELIZABETH
5130300006	BOOTH, KRISTINA & RICHARDSON, JO
5130330001	SINCLAIR, JOHN & ELIZABETH
5130310002	CHIABAI, RICHARD V
5130300007	EDWARDS, RICHARD* E & JENNIFER
5130290005	THOMPSON, T DAN & CRIS
5130300004	BOOTH, KRISTINA
8837500012	SPRAUER, JOSEPH & TRACY
5130290006	DIXON, STEPHEN ETAL
5130290001	MC MENAMIN, RICHARD ETAL
8837500020	TENNANT, DOROTHY
5130260010	DIXON, STEPHEN HENRY & TERRY
5130260009	TULLER, BRIAN & DEBORAH
5130270000	MOODY, L THOMAS ETAL
5130260004	BABIK, EDWARD & JEANNE
5130260005	COLIN, BRIAN L
5130240002	WEATHERS, RONALD & MAUREEN
5130250004	PHILLIPS, DONALD S
5130240001	WEATHERS, RONALD & MAUREEN
5130250003	MAPLES, DONALD & NOELLE
5130250005	MAPLES, DONALD & NOELLE
5130210000	JUMPER, JOHN & CHARLENE
5130250006	ROGERS, JAMES E & DIANE
5130230003	ZBYSZEWSKI, JENNIFER
5130230004	SIMS, KRISTIAN ETAL
5130230001	HOOPER, BOBBY & MARILYN
5130190000	AMDAL, HELGA
5130180000	AMDAL, HELGA
5130180000	AMDAL, HELGA
5120160002	LUDWIG, MARK & EDEN
5120170000	ERKELA, CHERYL ETAL
8831700300	PENNOCK, TOBY & TAMMY
5120140001	STEPHENSON, DAVID & LORRAINE
5120130002	NIKOLAISEN, SONJA ETAL
8850800100	DAY, JASON
8850800300	GRANGER, DAN & GLENDA
8850800400	WRIGHT, DANIEL LEE
5120080000	SMITH, CASEY & LORI
5120070000	GARMAGER, CURT
8803700200	OLIVER, JERRY & CYNTHIA

parcels within the Town of Twisp would be leased or transferred to the Town of Twisp under an agreement with MVID to serve irrigation water to users in the Town of Twisp.

3.4.2.2 Lateral E1

If an agreement is reached between the Town of Twisp and MVID, MVID users on the east side of the Methow River within the Town of Twisp would be served irrigation water directly through the Town of Twisp water distribution system. Most of these users are currently served by MVID Lateral E1. The Town's water system would need to be upgraded to accommodate the additional demand. Upgrades would include use of the Town's existing Well No. 4, which is currently only used for emergencies; installation of a new well source; and replacement of existing pipe with larger pipe to provide additional capacity. If an agreement is not reached with the Town of Twisp, MVID Lateral E1 users would be served through a renovated Lateral E1 system supplied by a new production well near the Methow River with a capacity of at least 2.7 cfs.

3.5 Alternative 5

Alternative 5 was developed by project stakeholders as a combination of items from the first four Alternatives. Alternative 5 would include the following improvements:

- **West Canal Improvements** – Improvements to the existing West Canal and conversion of existing users to individual wells on the west side of the Methow River would be the same for Alternative 5 as what was described for Alternative 4, in Section 3.4.1. Users at the upstream end of the West Canal (from Station 161+00 to Station 329+05) would be served through a pressurized pipe system supplied by a groundwater production well. The system would be operated as a reduced MVID system. Existing West Canal users upstream of Station 161+00 and downstream of 329+05 would be converted to individual well systems.
- **East Canal Improvements** – Improvements to the existing East Canal and conversion of existing users to individual wells on the east side of the Methow River would be the same for Alternative 5 as what was described for Alternatives 1 through 3, in Section 3.1.2. A pipeline would be installed to replace the MVID East Canal from Station 193+00 to the Beaver Creek Spill. Existing MVID users within the Town of Twisp would be served through the Town's water distribution system under an

agreement with the Town of Twisp. Approximately eight water users that are currently served from the MVID East Canal downstream of Lateral E14 would be converted to individual well systems.

Figure 3-5 includes a map providing a general overview of the major improvements that would be included as part of Alternative 5. More detailed feasibility level drawings for Alternative 4 are included as Drawings 5-1 through 5-5 in Appendix A. Table 3-9 provides a summary of the major components of Alternative 5 and the areas that would be served by each. A description of the major components of Alternative 4 follows.

Table 3-9
Alternative 5 Summary

System	Description	Description of Areas Served	Parcels Served ¹	Assessed Area ¹ (Acres)	Design Flow ² (cfs)
West Canal Improvements					
West pipe system	Smaller Pressurized Pipeline and Lateral Systems Supplied by Groundwater Well	West Canal Users from Station 161+00 to Station 329+05	87	141	2.8
Individual Wells	MVID Users Converted to Individual Well Systems	West Canal Users Upstream of Station 161+00 and Downstream of 329+05	87	445	8.9
East Canal Improvements					
East pipe system	Pipeline and Lateral System Supplied by Existing East Canal	East Canal Users from Station 193+00 (Upstream of Mill Spill) to Beaver Creek	180	617	10.0
Lateral E1	Irrigation to Parcels in Town of Twisp through Twisp Water System	MVID Users Within Town of Twisp Limits on East Side of Methow River	71	135	2.7
Individual Wells	MVID Users Converted to Individual Well Systems	East Canal Users Downstream of Lateral E14	8	30	0.6

Notes:

1. Approximate number of parcels and assessed areas served estimated based on MVID assessment roles.
2. Design flow rates for west pipe system and Lateral E1 scaled from design flow rate for larger west pipe system and east pipe system included in Alternatives 1, 2, and 3. Design flow rates for individual well conversions based on maximum withdrawal rate of 9 gallons per minute per acre.

cfs = cubic feet per second